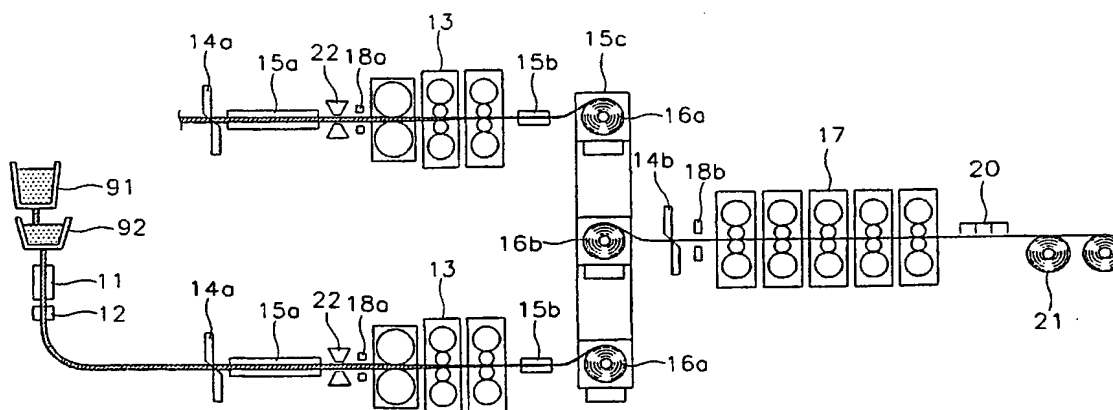




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(54) Title: METHOD OF MANUFACTURING HOT ROLLED STEEL SHEET USING MINI MILL PROCESS



(57) Abstract

Disclosed is a method for manufacturing hot rolled steel sheets. The method includes the steps of passing molten steel through a continuous caster (11) having a mold after having been passed through a ladle (91) and a tundish (92) to manufacture a slab; cutting the slab to predetermined lengths using a cutter (14a) to form a plurality of cut slabs; heating the cut slabs to a predetermined temperature in a first heating furnace (15a) descaling the cut slabs heated in the first heating furnace; rolling the slabs in a reduction unit (13) to a predetermined thickness to form a plurality of flat bars; heating the flat bars to a predetermined temperature in a second heating furnace (15b); coiling the flat bars by a coiling station (16a) while the flat bars are maintained in a heated state; uncoiling the flat bars by an uncoiler (16b); and rolling the flat bars to a predetermined thickness in a finishing mill.